

[REDACTED]

15 June 2023

Dear [REDACTED]

Re: Official Information Request: EV Charging Stations in Kilbirnie Library/Recreation Centre carpark

Thank you for your enquiry with the Ministry of Business, Innovation and Employment (MBIE) on Tuesday 16 May. Your request was transferred to the Energy Efficiency and Conservation Authority (EECA) on Wednesday 17 May 2023. You have requested the below information under the Official Information Act 1982:

- *What was the cost of installing the two EV charging stations in the car park at the Kilbirnie Library?*
- *What was the economic justification for this project?*
- *What volume of usage would justify this investment i.e., vehicles charged per month?*
- *Has that expectation been met? Please provide the data on vehicles charged each month since commencement.*

Note, we have interpreted your request to refer to the chargers in the Kilbirnie Recreation Centre Car Park.

Please find EECA's response to your questions as attached to this letter as Appendix One.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at www.ombudsman.parliament.nz or freephone 0800 802 602.

Please note that it is our policy to proactively release our responses to official information requests where possible. Our response to your request will be published shortly at <https://www.eeca.govt.nz/about/news-and-corporate/official-information/> with your personal information removed.

Yours sincerely



Andrew Caseley
EECA Chief Executive

What was the cost of installing the two EV charging stations in the car park at the Kilbirnie Library?

The total cost of these chargers is \$96,431.25

A breakdown is provided in the table below:

Task	Cost per unit	Units	Total
Installation and Commissioning of 2x EV Chargers	\$33,567.56	1	\$33,567.56
Removal of fencing and installation of additional bollard	\$1,230.00	1	\$1,230.00
Meridian Success Fee (installation cost)	\$5,000.00	2	\$10,000.00
Zero App Network Connection Fee	\$49.00	2	\$98.00
Installation of new point of supply	\$17,616.79	1	\$17,616.79
Retail and metering new connection costs	\$85.00	1	\$85.00
Inspection and certification fee	\$140.00	1	\$140.00
Mounting blades (Stand the charging unit is installed on)	\$2300.00	2	\$4600.00
Charging Units	\$14,547.00	2	\$29094.00
Total cost			\$96,431.25

EECA’s co-funding contributed up to 50% of the cost of EV charger purchase, installation and ground works, and to the cost of reporting on the project.

What was the economic justification for this project?

What volume of usage would justify this investment i.e., vehicles charged per month?

Has that expectation been met? Please provide the data on vehicles charged each month since commencement.

Over 50% of New Zealand’s energy-related emissions come from transport. The purpose of the Low Emission Vehicles Contestable Fund (the Fund, or LEVCF) was to encourage innovation and investment that would accelerate the uptake of battery electric vehicles (BEV) and other low-emission vehicles (LEVs) such as hydrogen powered vehicles in New Zealand that might not otherwise occur.

While focusing on demonstration of new technologies, vehicles and knowledge sharing, in the public electric vehicle charging space, the Fund aimed to support the installation of infrastructure ahead of demand, and to relieve building congestion at key public venues such as community facilities. Visibility of public electric vehicle chargers helps grow confidence in the network and increases business and consumer willingness to consider purchasing an EV in future.

EECA has supported the installation of over 1300 public chargers across New Zealand since inception, firstly ensuring coverage across the roading network and currently, focusing on increasing the capacity of high-speed chargers to further accelerate EV take up.

LEVCF Round 10's specific objective was to support the development of the public charging network by identifying and filling key gaps in the network, and by supporting EV charging stations in priority locations where further facilities are needed.

Regarding data on vehicles charged, between 22nd December 2022 to 20th April 2023, the charging facilities in question have had:

- 556 total sessions (an average of 139 sessions per month).
- A mean time spent charging per session of 47 minutes.
- A total usage of 7806 kWh of energy supplied.